



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Ref: EPR ER

FINAL POLLUTION REPORT Alkire Street Pesticides Arvada, Jefferson County, Colorado

I. HEADING

Date: September 27, 2002
From: Tien Nguyen
Agency: EPA
Unit: Region VIII - Emergency Response Program
999 18th Street, Suite 300
Denver Colorado 80202
(303) 312-6820
To: Kevin Mould, EPA Headquarters
POLREP No.: Final
Site: Alkire Street Pesticides Site

II. BACKGROUND

Site Number: 08EW
Party Conducting the Action: EPA
Response Authority: CERCLA
CERCLIS No: CO 0012986108
NPL Status: No
Action Memorandum Status: Approved - 06/18/02
Date Action Started: 07/15/02
Completion Date: 09/24/02

III. SITE INFORMATION

A. Incident Category

Time-Critical, Fund-Lead.

B. Site Description

1. Site description

The Site is located at 7700 Alkire Street in Jefferson County, Colorado. The Site used to be a nursery/tree business and currently abandoned.

Please see previous POLREP for additional information.



3. Site Evaluation

EPA and its Superfund Technical Assistance Team (START2) visited the Site on January 25, 2002 and a follow-up on February 1 and 2, 2002. More than 400 small containers and bags of pesticides, herbicides, fertilizers, and miscellaneous gardening chemicals were inventoried and organized in the two buildings on the Site. Neighbors reported that the property owner dumped containers of DDT on the ground when it was banned from further use. As part of the removal assessment, START2 collected two surface water samples and three sediment samples from Leyden Creek (adjacent to the Site), two groundwater samples from domestic wells on the Site, and three surface soil samples & five product samples on-site.

3. Description of threat

A large number and quantity of hazardous substances (including dichlorodiphenyltrichloroethane [DDT], methoxychlor, and silvex) were present at the Site. The property is unsecured and is situated approximately 250 yards from an elementary school and 100 yards from recreational softball facilities. There is a high potential for children to visit this Site as an attractive nuisance and be exposed to the hazardous substances on-site and/or to cause hazardous substances to be released to the environment. In addition, the property is located adjacent to a creek that has potential for flooding and release of hazardous substances into the environment. It has also been reported that vandals have visited the Site; vandals could enter the buildings and damage the containers, thus releasing hazardous substances to the environment and/or exposing themselves to the materials.

In addition to the 445 containers of chemicals in the buildings, three 55-gallon drums of chemicals, several pressure containers with unknown contents, a number of used oil containers, approximately 100 bags of fertilizer & pesticides, and **three above-ground fuel tanks with capacity of 250 - 500 gallons each and labeled as #2 diesel** were present on the Site.

IV. RESPONSE INFORMATION

A. Situation

1. Removal actions

Please see previous POLREP for removal activities by July 17, 2002.

- On August 21, to mitigate the potential of fire on site, approximately 1050 gallons of #2 diesel from three above-ground tanks, a flammable liquid, were removed from the Site and recycled by Thermo Fluid Inc. , 4845 Forest St., Denver, CO 80022.
- By September 19, all 40 labpacked and overpacked drums of chemical and oily materials were manifested and approved by the disposal facility; and, on September 23 the transporter, HazPro Transportation of Denver (303-770-9857), shipped the drums to Burlington Environmental INC., 20245 77th Avenue, Kent, WA 98042 for final disposal.
- On September 24, EPA's contractor, ER, removed all cut and rinsed drums, a result of hazardous materials consolidation during the removal, and several gas cylinders from the site and transported them to the recycling facility in Denver.
- In addition, the OSC has reviewed results of samples collected from the Site prior and during the removal. There are some oily stained soil areas found on Site, contaminated with heavy metals, and sediment in the pond has some trace of pesticides but the levels are not high enough to trigger additional removal at the Site.

2. Enforcement

To Be Determined

3. State and Local Role

A State representative was on site during the removal. The State and local agencies are supportive of the initiative to get the Site cleaned up but do not have the expertise or money to complete an immediate Removal action on the Site.

B. Disposal/Final Activities

Please see Section IV.A.1 for Final Disposal . The work at this Site was performed in compliance with the NCP and this Removal Action is complete as of 09/24/02.

_____ C. Key Issues

None at this time.

V. COST INFORMATION

Total costs have not been received at this time but are estimated to be less than the budget ceiling of \$62,400 which was established in the Action Memorandum.